

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

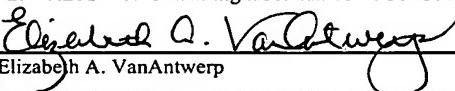
In re the application of: Yukihisa TAKEUCHI, Tsutomu NANATAKI, Iwao OHWADA  
and Nobuyuki KOKUNE

Filed: Concurrently Herewith

For: DISPLAY

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 31, 2003 under "EXPRESS MAIL" mailing label number EL 975170161 US

  
Elizabeth A. VanAntwerp

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. Copies of References AA through AS listed on Form PTO-1449 are attached. In accordance with the Notice dated July 11, 2003 on the PTO website, we are not enclosing copies of any of the U.S. references listed on Form PTO-1449.

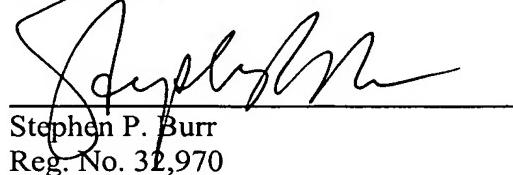
In compliance with the concise explanation requirement under 37 CFR § 1.98(a)(3) for foreign language documents, References AA-AE and AP-AR are discussed on pages 1 and 2 of the present specification.

Applicant respectfully submits that Reference AL corresponds to U.S. '802, Reference AN corresponds to Reference AM, and Reference AO corresponds to U.S. '827.

The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. See 37 C.F.R.

1.104(a) and 1.106(b) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that these references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Respectfully submitted,



\_\_\_\_\_  
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

*Complete if Known*

Application Number

Filing Date

Concurrently Herewith

First Named Inventor

Yukihisa TAKEUCHI

Art Unit

Examiner Name

Confirmation No.

Sheet

1

of

2

Attorney Docket No.

789\_119

**U.S. PATENT DOCUMENTS**

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date
		5,874,802	02-23-1999	Choi et al.				
		2002/0153827	10-24-2002	Takeuchi et al.				

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
	<i>AA</i>	1-311533 A	12-15-1989	JP				✓
	<i>AB</i>	7-147131 A	06-06-1995	JP			JPO Machine Translation	✓
	<i>AC</i>	2000-285801 A	10-13-2000	JP			JPO Machine Translation	✓
	<i>AD</i>	46-20944	06-12-1971	JP			✓	
	<i>AE</i>	44-26125	11-04-1969	JP			✓	
	<i>AF</i>	11-185600	07-09-1999	JP			JPO Machine Translation	✓
	<i>AG</i>	10-27539 A	01-27-1998	JP			JPO Machine Translation	✓
	<i>AH</i>	11-288249 A	10-19-1999	JP			JPO Machine Translation	✓
	<i>AI</i>	63-150837 A	06-23-1988	JP				✓
	<i>AJ</i>	09-090882 A	04-04-1997	JP			JPO Machine Translation	✓
	<i>AK</i>	59-208587	11-26-1984	JP			Partial	
	<i>AL</i>	3160213 B2	02-16-2001	JP			JPO Machine Translation	✓
	<i>AM</i>	0 953 958 A2	11-03-1999	EP				
	<i>AN</i>	2000-310970 A	11-07-2000	JP			JPO Machine Translation	✓
	<i>AO</i>	02/052600 A1	07-04-2002	WO				

Examiner:

Date Considered:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449				<i>Complete if Known</i>				
US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE								
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>								
Sheet	2	of	2	Application Number				
				Filing Date	Concurrently Herewith			
				First Named Inventor	Yukihisa TAKEUCHI			
				Art Unit				
				Examiner Name				
				Confirmation No.				
				Attorney Docket No.	789_119			

#### U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date

#### U.S. COPENDING APPLICATIONS

Exam. Initial		Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class

#### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages etc.)

<i>AP</i>	"Pulsed Electron Source Using a Ferroelectric Cathode," Tokyo Institute of Technology, Vol. 68, No. 5, 7 January 1999, pp. 546-550.
<i>AQ</i>	Puchkarev, Victor F. and Mesyats, Gennady A., "On the Mechanism of Emission from the Ferroelectric Ceramic Cathode," Journal of Applied Physics, Vol. 78, No. 9, 1 November 1995, pp. 5633-5637.
<i>AR</i>	Riege, H., "Electron Emission from Ferroelectrics - a Review," Nucl. Instr. and Meth. A340, 1994, pp. 80-89.
<i>AS</i>	Masatoshi Miyake et al., "Electron Emission from Ferroelectric Cathodes Excited by Pulsed Voltage," Tokyo Institute of Technology, Vol. 119, No. 5, 1999 pp. 622-627.

Examiner:		Date Considered:
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